

JAN 30 2006

TELECOPY COVER SHEET

RAUSCHENBACH PATENT LAW GROUP, LLC

ATTORNEYS AT LAW

TO: Examiner Jerry M. Blevins  
AT: United States Patent and Trademark Office  
Art Unit: 2883

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FROM: Kurt Rauschenbach, Ph.D.  
DATE: January 30, 2006  
RE: Supplementary Response  
CLIENT: USSN: 10/707,729 (OPT-008CP2)  
PAGES: 18 (Including this Cover Sheet)

COMMENTS.

Dear Examiner Blevins:

Following this cover sheet, please find a Supplementary Amdnemndt and Response, and related documents for the above-referenced case.

Please send confirmation of receipt of this facsimile transmission by return facsimile. My fax number is 781.271.1527.

Thank you,  
Kurt Rauschenbach

Doc. 1753

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JAN 30 2006

PTO/SB/21 (09-04)

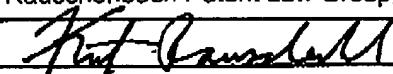
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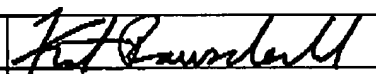
<b>TRANSMITTAL FORM</b>  <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/707,729
	Filing Date	1/7/2004
	First Named Inventor	Hallemeier
	Art Unit	2883
	Examiner Name	Jerry M. Blevins
Total Number of Pages in This Submission	Attorney Docket Number	OPT-008CP2

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Supplementary Response (16 pgs.); & Facsimile Cover Sheet (1 pg.)
Remarks _____		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Rauschenbach Patent Law Group, LLC		
Signature			
Printed name	Kurt Rauschenbach		
Date	January 30, 2006	Reg. No.	40,137

## CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Kurt Rauschenbach	Date	January 30, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT  
Attorney Docket No.: OPT-008CP2

JAN 30 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hallemeier  
SERIAL NO.: 10/707,729 GROUP NO.: 2883  
FILING DATE: January 7, 2004 EXAMINER: Jerry M. Blevins  
TITLE: Optical Fiber Transmission System With Increased Effective Modal  
Bandwidth Transmission

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SUPPLEMENTARY AMENDMENT AND RESPONSE

Sir:

The following amendments and remarks are responsive to the Examiner's Interview on December 21, 2005 for the above-identified patent application. Entry and consideration of the following Supplemental Response, and allowance of the claims, as presented, are respectfully requested. The Commissioner is hereby authorized to charge any proper fees to Attorney's Deposit Account No. 501211.

Amendments to the Claims begin on page 2 of this paper.

Remarks are on page 12 of this paper.